



Shurdington Science Overview 2024-2025

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Reception	Night & Day Magnets Seasons		Sinking & floating Materials Seasons		Animals Plants Seasons	
	<u>'Understanding the World' Educational Programme</u> Understanding the world involves guiding children to make sense of their physical world and their community. The frequency and range of children's personal experiences increases their knowledge and sense of the world around them – from visiting parks, libraries and museums to meeting important members of society such as police officers, nurses and firefighters. In addition, listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world. As well as building important knowledge, this extends their familiarity with words that support understanding across domains. Enriching and widening children's vocabulary will support later reading comprehension.					
	<u>Extract from: 'Personal, Social and Emotional Development' Educational Programme</u> Children's personal, social and emotional development (PSED) is crucial for children to lead healthy and happy lives, and is fundamental to their cognitive development.... Through adult modelling and guidance, they will learn how to look after their bodies, including healthy eating, and manage personal needs independently. At the end of the Reception year, a child assessed as working at 'Expected' (age-related) for their year group will be able to: ELG: Managing Self -Manage their own basic hygiene and personal needs -Understanding the importance of healthy food choices ELG: People, Culture and Communities -Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps ELG: The Natural World -Explore the natural world around them, making observations and drawing pictures of animals and plants -Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class -Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter					
Year 1	Every day materials Seasonal Change		Animals, including humans Seasonal Change		Plants Seasonal Change	

Year 2	Everyday materials (Materials Matter)	Everyday materials (squash, bend, twist, stretch)	Living things and their habitats	Animals including humans	Plants	Living things and their habitats
Year 3	Rocks	Animals, including humans	Forces and Magnets	Light	Plants	
Year 4	Electricity	Living things and habitats	States of matter	Sound	Animals, including humans	
Year 5	Animals, including humans	Forces	Living things and their habitats	Earth and space	Properties and changes of materials	
Year 6	Evolution and inheritance	Electricity	Living things and their habitats	Animals, including humans	Light	